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Signed: _____

Michelle Chan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.	:	10/613,220	Confirmation No.:	7051
Applicant	:	H. Garrett Wada et al.		
Filed	:	July 2, 2003		
TC/A.U.	:	1641		
Examiner	:	Deborah Davis		
Docket No.	:	100/07211		
Customer No.	:	021569		
Title	:	Microfluidic Analytic Detection Assays, Devices, and Integrated Systems		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. This application is a divisional of U.S. Patent Application 09/641,468 filed August 17, 2000 (now U.S. Pat. 6,613,581). All references cited in the attached form 1449 have been previously cited in the parent application. Copies of documents are therefore not being provided pursuant to 37 CFR §1.98(d). If copies of the references are not available to the Examiner, the Examiner is invited to contact the undersigned.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

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representation is made that a search has been conducted or that this statement encompasses all possible relevant information.

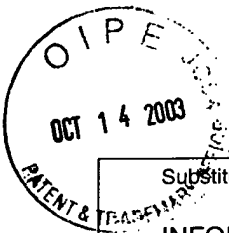
Applicants believe that no fee is required for submission of this statement, since it is being submitted within three months of the filing date or prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to charge such fee to Deposit Account No. 03-0177. Please charge any additional fees or credit any overpayment to the above-noted deposit account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Andrew L. Filler", written in a cursive style.

Andrew L. Filler
Reg. No. 44,107

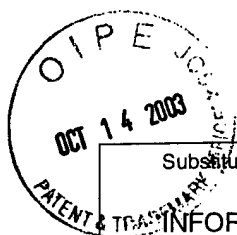
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/613,220		
		Filing Date	July 2, 2003		
		First Named Inventor	H. Garrett Wada		
		Art Unit	1641		
Examiner Name	Deborah Davis				
Sheet		of		Attorney Docket Number	100/07211

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number - Kind Code (if known)			
	AA	US-4,390,403	06-28-1983	Batchelder	
	AB	US-4,827,131	05-02-1989	Moscovitch	
	AC	US-4,908,112	03-13-1990	Pace	
	AD	US-5,126,022	06-30-1992	Soane et al.	
	AE	US-5,498,392	03-12-1996	Wilding et al.	
	AF	US-5,571,410	11-05-1996	Swedberg et al.	
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	AN	US-5,750,015	05-12-1998	Soane et al.	
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	AP	US-5,800,690	09-01-1998	Chow et al.	
	AQ	US-5,804,384	09-08-1998	Muller et al.	
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	AS	US-5,852,495	12-22-1998	Parce	
	AT	US-5,869,004	02-09-1999	Parce et al.	
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	AX	US-5,885,470	03-23-1999	Parce et al.	
	AY	US-5,942,443	08-24-1999	Parce et al.	
	AZ	US-5,948,227	09-07-1999	Dubrow	
	BA	US-5,952,173	09-14-1999	Hansmann et al.	
Examiner Signature				Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



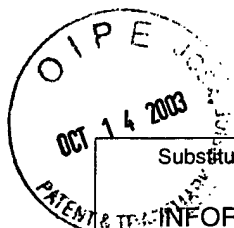
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/613,220	
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		First Named Inventor	H. Garrett Wada	
		Art Unit	1641	
		Examiner Name	Deborah Davis	
Sheet		of	Attorney Docket Number	100/07211

	BB	US-5,955,028	09-21-1999	Chow	
	BC	US-5,957,579	09-28-1999	Kopf-Sill et al.	
	BD	US-5,958,203	09-28-1999	Parce et al.	
	BE	US-5,958,694	09-28-1999	Nikiforov	
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	BK	US-5,976,336	11-02-1999	Dubrow et al.	
	BL	US-5,989,402	11-23-1999	Chow et al.	
	BM	US-6,001,231	12-14-1999	Kopf-Sill	
	BN	US-6,004,515	12-21-1999	Parce et al.	
	BO	US-6,011,252	01-04-2000	Jensen	
	BP	US-6,012,902	01-11-2000	Parce	
	BQ	US-6,042,710	03-28-2000	Dubrow	
	BR	US-6,046,056	04-04-2000	Parce et al.	
	BS	US-6,068,752	05-30-2000	Dubrow et al.	
	BT	US-6,071,478	06-06-2000	Chow	
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	BV	US-6,080,295	06-27-2000	Parce et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code - Number - Kind Code (if known)				
	BX	WO-9604547	02-15-1996	Lockheed Martin		
	BY	WO-9702357	01-23-1997	Affymetrix		
	BZ	WO-9800231	01-08-1998	Caliper		
	CA	WO-9800705	01-08-1998	Caliper		

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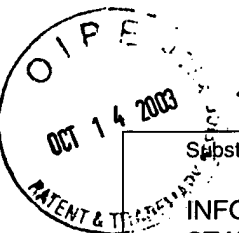
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		Art Unit	1641
		Examiner Name	Deborah Davis
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	CB	WO-9800707	01-08-1998	Caliper		
	CC	WO-9802728	01-22-1998	Caliper		
	CD	WO-9805424	12-12-1998	Caliper		
	CE	WO-9822811	05-28-1998	Caliper		
	CF	WO-9845481	10-15-1998	Caliper		
	CG	WO-9845929	10-15-1998	Caliper		
	CH	WO-9846438	10-22-1998	Caliper		
	CI	WO-9849548	11-05-1998	Caliper		
	CJ	WO-9855852	12-10-1998	Caliper		
	CK	WO-9856956	12-17-1998	Caliper		
	CL	WO-9900649	01-07-1999	Caliper		
	CM	WO-9910735	03-04-1999	Caliper		
	CN	WO-9912016	03-11-1999	Caliper		
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	CP	WO-9919516	04-22-1999	Caliper		
	CQ	WO-9929497	06-17-1999	Caliper		
	CR	WO-9956954	11-11-1999	Caliper		
	CS	WO-9964848	12-16-1999	Caliper		
	CT	WO-0009753	02-24-2000	Caliper		
	CU	WO-0050172	08-31-2000	Caliper		
	CV	WO-0050642	08-31-2000	Caliper		
	CW	WO-0114064	03-01-2001	Caliper		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	CX	COHEN, C.B. et al., "A Microchip-Based Enzyme Assay for Protein Kinase A" <u>Anal. Chem.</u> (1999) 273:89-97	
	CY	DASGUPTA, P.K. et al., "Electroosmosis: A Reliable Fluid Propulsion System for Flow Injection Analysis," <u>Anal. Chem.</u> (1994) 66:1792-1798	

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	CZ	JACOBSON, S.C. et al., "Fused Quartz Substrates for Microchip Electrophoresis," <u>Anal. Chem.</u> (1995) 67: 2059-2063	
	DA	MANZ, A. et al., "Electroosmotic Pumping and Electrophoretic Separations for Miniaturized Chemical Analysis Systems," J. Micromach. Microeng. (1994) 4: 257-265	
	DB	RAMSEY, J.M. et al., "Microfabricated Chemical Measurement Systems," <u>Nature Medicine</u> (1995) 1:1093-1096	
	DC	SEILER, K. et al., "Planar Glass Chips for Capillary Electrophoresis: Repetitive Sample Injection, Quantitation, and Separation Efficiency," <u>Anal. Chem.</u> (1993) 65:1481-1488	
	DD	SEILER, K. et al., "Electroosmotic Pumping and Valveless Control of Fluid Flow within a Manifold of Capillaries on a Glass Chip," <u>Anal. Chem.</u> (1994) 66:3485-3491	
	DE	SUNDBERG, S.A. et al., "High-throughput and ultra-high-throughput screening solution and cell-based approaches" Curr. Opin. Biotech. (2000) 11:47-53	

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